

# INVOICE

FED ID 94-2345088

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

## INVOICE

FOR PROFESSIONAL SERVICES

USEPA Region 9, P-3-1  
1337 So. 46th  
Building 201  
Richmond, CA 94804-4698

ATTN: Greg Nagle

Number 250387

Date 09/26/14

P.O. No. 3SC086NTLX

DEPT	DESCRIPTION	Matrix	#	PRICE	PREMIUM	EXTENDED
					-8-	
4508	EPA 1664 Oil & Grease (Total)	Water	4	\$50.00		\$200.00

TOTAL: \$200.00

JOB#: STANDARD  
LOGIN#: 261105  
CONTACT: Greg Nagle  
LOCATION: SoCal Oil Platforms NPDES 2014

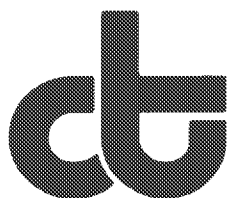
TERMS: NET CASH PAYABLE UPON PRESENTATION OF INVOICE. AMOUNT UNPAID OVER 30 DAYS  
OF DATE OF INVOICE SUBJECT TO A SERVICE CHARGE OF 1 1/2 % PER MONTH (EQUAL TO 18% PER ANNUM).

ED\_006450\_00002948-00001





**Curtis & Tompkins, Ltd.**  
Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 261105  
ANALYTICAL REPORT**

USEPA Region 9, P-3-1  
1337 So. 46th  
Richmond, CA 94804-4698

Project : STANDARD  
Location : SoCal Oil Platforms NPDES 2014  
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
HARMONY	261105-001
HILDAGO	261105-002
HERMOSA	261105-003
HARVEST	261105-004

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: \_\_\_\_\_

Tracy Babjar  
Project Manager  
tracy.babjar@ctberk.com  
(510) 204-2226

Date: 09/26/2014

CA ELAP# 2896, NELAP# 4044-001



Curtis & Tompkins, Ltd.

### CASE NARRATIVE

Laboratory number: 261105  
Client: USEPA Region 9, P-3-1  
Location: SoCal Oil Platforms NPDES 2014  
Request Date: 09/22/14  
Samples Received: 09/22/14

This data package contains sample and QC results for four water samples, requested for the above referenced project on 09/22/14. The samples were received cold and intact.

**Total Oil & Grease (HEM) (EPA 1664A):**

Matrix spikes were not performed for this analysis due to insufficient sample volume. No analytical problems were encountered.

# CHAIN OF CUSTODY RECORD

261105

Standard TAT

PROJ. NO.		PROJECT NAME					NO. OF CON- TAINERS	REMARKS				
SAMPLERS: (Signature)												
DATE	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION							
SoCal Oil Platforms NPDES 2014							2	X	X	X	X	X
BSEE/WRE												
9/18/14	1000	W		X	HARMONY							
I	1200	I		X	HILDAGO							
I	1730	I		X	HERMOSEA		2	X	X	X	X	X
I	1330	I		X	HARVEST		2	X	X	X	X	X
Relinquished by: (Signature)							Date / Time		Received by: (Signature)			
Relinquished by: (Signature)							Date / Time		Received by: (Signature)			
Received for Laboratory by: (Signature)							Date / Time		Temp.	Seals Intact (Y/N)		
							Conditions / Remarks					

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

9-3255

rec'd on ice

## COOLER RECEIPT CHECKLIST



Curtis &amp; Tompkins, Ltd.

Login # 261105 Date Received 9/22/14 Number of coolers 1  
 Client EPRI Project SOCAL OIL Refineries NPDES  
 Date Opened 9/22/14 By (print) [Signature] (sign) [Signature]  
 Date Logged in 9/22/14 By (print) [Signature] (sign) [Signature]

2014

1. Did cooler come with a shipping slip (airbill, etc) \_\_\_\_\_ YES NO  
 Shipping info \_\_\_\_\_
- 2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☐ NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_
- 2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO N/A
3. Were custody papers dry and intact when received? \_\_\_\_\_ YES NO
4. Were custody papers filled out properly (ink, signed, etc)? \_\_\_\_\_ YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) \_\_\_\_\_ YES NO
6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_  
☐ Bubble Wrap ☐ Foam blocks ☐ Bags ☒ None  
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels
7. Temperature documentation: \* Notify PM if temperature exceeds 6°C  
 Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 6.50  
☐ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun  
☐ Samples received on ice directly from the field. Cooling process had begun
8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES ~~NO~~  
 If YES, what time were they transferred to freezer? \_\_\_\_\_
9. Did all bottles arrive unbroken/unopened? \_\_\_\_\_ YES NO
10. Are there any missing / extra samples? \_\_\_\_\_ YES ~~NO~~
11. Are samples in the appropriate containers for indicated tests? \_\_\_\_\_ YES NO
12. Are sample labels present, in good condition and complete? \_\_\_\_\_ YES NO
13. Do the sample labels agree with custody papers? \_\_\_\_\_ YES ~~NO~~ 9/22
14. Was sufficient amount of sample sent for tests requested? \_\_\_\_\_ YES NO
15. Are the samples appropriately preserved? \_\_\_\_\_ ~~YES~~ NO N/A
16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES NO N/A
17. Did you document your preservative check? \_\_\_\_\_ YES NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES NO N/A
19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES NO N/A
20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES NO N/A
21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES ~~NO~~  
 If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

## COMMENTS

13) COC lists "HILDAGO" For -002 but  
 sample labels list "HIDALGO"

Rev 10, 9/12

# Detections Summary for 261105

Results for any subcontracted analyses are not included in this summary.

Client : USEPA Region 9, P-3-1  
Project : STANDARD  
Location : SoCal Oil Platforms NPDES 2014

Client Sample ID : HARMONY Laboratory Sample ID : 261105-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Oil & Grease (HEM)	35.2		10.0	3.40	mg/L	TOTAL	2.000	EPA 1664A	METHOD

Client Sample ID : HILDAGO Laboratory Sample ID : 261105-002

No Detections

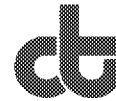
Client Sample ID : HERMOSA Laboratory Sample ID : 261105-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Oil & Grease (HEM)	74.8		10.0	3.40	mg/L	TOTAL	2.000	EPA 1664A	METHOD

Client Sample ID : HARVEST Laboratory Sample ID : 261105-004

No Detections





Curtis &amp; Tompkins Ltd

**Total Oil & Grease (HEM)**

Lab #:	261105	Location:	SoCal Oil Platforms NPDES 2014
Client:	USEPA Region 9, P-3-1	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 1664A
Analyte:	Oil & Grease (HEM)	Received:	09/22/14
Matrix:	Water	Prepared:	09/25/14 14:13
Units:	mg/L	Analyzed:	09/25/14 16:00
Batch#:	215781		

Field ID	Type	Lab ID	Result	RL	Diln Fac	Sampled
HARMONY	SAMPLE	261105-001	35.2	10.0	2.000	09/18/14 10:00
HILDAGO	SAMPLE	261105-002	ND	10.0	2.000	09/18/14 12:00
HERMOSA	SAMPLE	261105-003	74.8	10.0	2.000	09/18/14 12:30
HARVEST	SAMPLE	261105-004	ND	10.0	2.000	09/18/14 13:30
	BLANK	QC759152	ND	5.00	1.000	

ND= Not Detected  
RL= Reporting Limit  
Page 1 of 1

2.0

Batch QC Report

Total Oil & Grease (HEM)			
Lab #:	261105	Location:	SoCal Oil Platforms NPDES 2014
Client:	USEPA Region 9, P-3-1	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 1664A
Analyte:	Oil & Grease (HEM)	Batch#:	215781
Matrix:	Water	Prepared:	09/25/14 14:13
Units:	mg/L	Analyzed:	09/25/14 16:00
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC759153	40.00	35.20	88	78-114		
BSD	QC759154	40.00	36.70	92	78-114	4	18

RPD= Relative Percent Difference